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PRESS RELEASE

Case IH unveil revisions to Axial Flow combines at Cereals 2013



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A **redesigned cab** which creates the ultimate in operator environment, together with **new unloading technology** that incorporates a folding auger and industry-exclusive pivoting spout option to improve trailer filling accuracy feature on **new Case IH Axial-Flow® combines**, which were launched at Cereals 2013.

The Case IH Axial Flow range currently includes six models, the 5130, 6130 and 7130 from 299 – 415hp, together with the 7230, 8230 and 9230 from 449 – 571hp. The new features which make these high-output machines even more productive have been developed with input from farmers and contractors.

“The new, redesigned cabin which is now standard on all new Axial-Flow models sets the industry standard in convenience, comfort and ergonomics, providing the operator with an office in the field,” states Chris Armitage, Case IH Harvesting Sales Manager for the UK and ROI. “These new models also incorporate an upgraded CAN-BUS electric system which has enabled us to offer an increased range of functions, such as new unloading and residue-management technology, which reduce the operator’s work load and increase productivity.”

In designing the latest models Case IH has taken the largest, quietest cab in the industry and made it even better. There are two options, the ‘Comfort’ version or an advanced ‘Luxury’ cab with an even higher specification and range of new features.

New multi-function Lever

The slim multi-function lever has been redesigned to allow fingertip control of all key functions. There’s also an upgraded right-hand console with simple ergonomic controls and a slide-rail that allows adjustment of the AFS display, plus a cup-holder and office items. Multiple convenient storage locations have been added featuring brushed-chrome styling in the luxury cab. Operators can stay tuned in and connected via an iPad or iPod, while the co-driver’s seat opens to reveal a convenient, portable electric refrigerator that keeps food and drinks cool. Leg and foot room are greater thanks to increased seat travel, whilst a red leather luxury seat option provides greater comfort.

Full steering comfort

The steering wheel is infinitely-adjustable, tilting and telescoping to suit the operator, while the narrower steering column provides better visibility over the header. Footrests are fitted to enhance operator comfort on long harvest days.

New seating

The operator's seat has been lowered by 4cm and has 7cm more seat travel to provide further cab comfort. Air-ride suspension is standard on all 30 Series combines, while a semi-active air suspension seat, targeted particularly at tracked combine buyers, is optional. This uses a sensor and controller mounted inside the seat suspension, with an adjustable shock absorber to provide the level of damping required by the terrain, giving improved ride quality.

"We understand the long hours that operators spend in their combines," says Chris Armitage. "Our goal was to offer every convenience of an efficient, comfortable working office and make it available on every Axial-Flow model. By introducing more powerful, more intuitive and more efficient combines, Case IH is helping farmers to be ready for whatever harvest may bring, now and in the seasons to come."

All models use the state-of-the-art AFS Pro 700 display for yield monitoring and machine/guidance control. The AFS Pro 700 is compatible with all Case IH equipment and can be transferred easily to a tractor cab.

Unloading made simpler

To make on-the-go unloading more comfortable and safer with wider headers, Case IH has added two auger options. An 8.8m or 10.4m high-capacity, folding auger is now available to enable easy unloading from the widest headers, as well as simple transport and storage.

Auger folding is controlled using a simple switch in the overhead cab panel. Unfolding for field use is fast, while folding for road transport/storage reduces combine length. The new 8.8m auger folds to 95° and the 10.4m to 135° for excellent visibility when unloading whilst, when folded, access to the rear service deck is unaffected and the auger remains within the width of the combine side-panels. The 8.8m auger is for all combines with headers up to 12m, or up to 15.25m with the 10.4m unloading auger.

The new industry-exclusive pivoting spout option is available for all high capacity unloading auger lengths. It allows the operator to accurately adjust the grain stream in or out simply by using the shift + unloader swing button on the multi-function lever. This allows the operator to position the unloading spout precisely where needed instead of repositioning the entire tractor-grain trailer combination relative to the combine. This reduces the risk of spilling grain or the tractor/trailer coming into contact with the header and means that when laying straw swaths for baling the tractor need not run on the rows.

The electrically-controlled auger spout boosts harvest efficiency by allowing perfect filling of grain trailers. The new spout moves the grain stream by approximately 60cm to 90cm whilst also providing a spill-proof grain-saver feature. When the unloading auger is disengaged, the spout automatically and quickly pivots upwards to prevent any grain from dribbling out. It also allows grain to be directed straight downwards to reduce wind-blow when working in light-seeded crops.

Powered grain tank covers, controlled from the cab, reduce downtime when preparing for transport or harvest.

New deluxe chopper

Case IH deluxe chopper packages have been upgraded to include in-cab adjustment of the chopper counter knife bank. Knife position is adjustable in steps of 0% / 25% / 50% / 75% and 100% insertion, via a dedicated switch on the console. There's also an in-cab-adjustable rear rotor discharge door. In addition to the chopper speed shift lever, it is now possible to switch the combine from 'chop' to 'swath' in under a minute. No covers need to be opened which means that the operator does not need to work in dust and stays clean.

If the emergency stop button on top of the multi-function lever is pressed, the counter knife bank will fully retract, providing an additional measure to protect the chopper and counter knife against foreign objects. Less need to reset the counter knife blades manually ensures that chop quality and even spreading are maintained.

New chaff spreader

A deluxe chaff spreader option, which includes in-cab adjustment of the spread distance and distribution, is also available. Three dedicated buttons on the right-hand console control these functions.

Efficient Power, efficient operation

From the feeding system to the patented Case IH Small Tube rotor with its concentric rotor cage design, Axial-Flow combines continue to create smooth crop flow, improving throughput and putting more high-quality grain in the tank.

As part of the Case IH Efficient Power family, Case IH Axial-Flow 30 Series models feature added power to deal with tough conditions, by way of fuel-efficient Case IH FPT Tier 4 SCR engines. Across the Case IH line-up, the same proven power plants deliver an average 10% efficiency advantage over comparable Tier 3 models.

“Case IH has been continuously improving the Axial-Flow Small Tube rotor, always setting the trend as a leader in harvesting,” states Chris Armitage. “The simple and reliable Axial-Flow design, with fewer moving parts, enables producers to stay in the field over a wider range of crop conditions, helping to protect both yields and crop quality.”

Further details are available at www.caseih.com

NOTES TO EDITORS

Case IH is the professionals' choice, drawing on more than 160 years of heritage and experience in the agricultural industry. A powerful range of tractors, combines and balers supported by a global network of highly professional dealers dedicated to providing our customers with the superior support and performance solutions to be productive and effective in the 21st century. More information on Case IH products and services can be found online at www.caseih.com

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